CLAIMS ONLY

SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
1	1	-		-		
	ļ	1-1		 		
2	<u> </u>		<u> </u>			
3		₩.				
4	ļ	 				
5	ļ	└		<u> </u>		
6						
7						
8						<u> </u>
9						
10	<u> </u>				<u> </u>	l
11						
12						
13						
14		 '				
15		T				
16		 		 		h
17			<u> </u>	 		l
18	\vdash		-	 		
19	 		 	 		
20	<u> </u>		 	 		
	-	 				
21				ļ		
22		ļ				
23			ļ	ļ		
24						
25]				
26		<u> </u>				
27			Ĺ			
28						
29						
30						
31						
32						i
33			i			
34		 	 			
35		 				
36		 				
37				-		<u> </u>
38						-
39		ļ		-	-	
		ļ		<u> </u>		
40						
41						
42		<u> </u>	ļ			L
43						
44						
45						
46						
47						
48						
49		 				
50						
TOTAL		-				
IND.						
TOTAL DEP.		-		-		
DEP						

FORM PTO-2022 (1-98)

NID. DEP. IND. DEP. IND. DEP. DEP.				- , -			
51	<u> </u>	*				*	
51		IND.	DEP.	IND.	DEP.	IND.	DEP
52 53 54 55 55 56 57 58 59 60 61 61 62 63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 78 79 80 80 81 82 83 84 85 89 90 90 91 91 92 93 94 95 96 97 98 99 99 100 TOTAL	51	1		1			
53 54 55 56 57 58 59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL			1	<u> </u>	†	 	
54 55 56 57 58 59 60 61 62 63 64 65 66 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 80 81 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 99 100 TOTAL			·			1	
55						1	
56	-	1					
57 58 59 60 61 61 62 63 64 65 66 67 68 69 70 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Total, Deep.		·····	1	1			
59 60 61 61 62 63 64 65 66 66 67 68 69 70 71 71 72 73 74 75 76 77 78 80 81 82 83 84 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 1000 TOTAL DEP.	57				-		
60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL DEP.	58						
61 62 63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 100 TOTAL DEP.	59						
62 63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 100 TOTAL DEP.							
63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 8 8 8 8 8 8 8 8 8 9 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.	61			<u> </u>			
64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.					<u> </u>	<u> </u>	
65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL IND. TOTAL IND. TOTAL IND. TOTAL IND.			ļ	ļ	ļ	<u> </u>	
66 67 68 68 69 70 70 71 71 72 73 74 75 76 76 77 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL DEP.			<u> </u>	ļ	ļ		
67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 99 100 TOTAL IND. TOTAL DEP.		ļ	ļ	ļ	ļ	ļ	
68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL IND. TOTAL DEP.		ļ	ļ	 	ļ	-	
69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL DEP.			↓	-	ļ <u>.</u>	 	
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL DEP.		-	1	1		ļ	
71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL DEP.				-		1	
72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL DEP.		+		 	 	 	
73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL DEP.		+	 	-	 	├	-
74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.			 	 	 	 	
75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		1			 	 	
76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.			1	 	1	1	
77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		 		1		1	
78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		 	t		<u> </u>	1	
79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		—			 	 	
80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97 98 99 9 100 TOTAL IND. TOTAL DEP.		1		1		-	
82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98 99 99				i		1	
83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.	81	1					
84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND.	82						
85 86 87 88 89 90 90 91 91 92 93 94 95 96 97 98 99 9 100 TOTAL IND.	83						
86 87 88 89 90 90 91 91 92 93 94 95 96 97 98 99 9100 TOTAL IND. TOTAL DEP.	84						
87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND.			<u> </u>	ļ			
88 89 90 90 91 91 92 93 94 95 96 97 98 99 9100 TOTAL IND. TOTAL DEP.			<u> </u>	ļ			
89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.	-	1	<u> </u>	ļ		ļ	
90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		ļ	ļ			ļ	
91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		.	ļ	 			
92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		.	ļ	 	-		<u> </u>
93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		 	ļ	ļ	-		<u> </u>
94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		1	<u> </u>	 			ļ
95 96 97 98 99 100 TOTAL IND. TOTAL DEP.		 	-	-		-	
96 97 98 99 100 TOTAL IND. TOTAL DEP.		 	-	-		 	
97 98 99 100 TOTAL IND. TOTAL DEP.		-	 	 	 	 	
98 99 100 TOTAL IND. TOTAL DEP.		 	 	 	 	 	
99 100 TOTAL IND. TOTAL DEP.	-	1	 	 	 	 	
TOTAL IND.		1	1	1		 	
TOTAL IND.		1 -		 			
DEP.	TOTAL	 	-	<u> </u>	_		
DEP.		 	J		J 🚚		
CLAIMS	DEP.						
	CLAIMS			1		L	

 * MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office